

Abstract

Drug eluting stented tubular grafts wherein the stent is coated with a coat comprising a composite of at least one biocompatible, pharmaceutically acceptable, bioerodible polymer and at least one therapeutic substance. The polymer may be a polyester. The therapeutic agent may include selective gene delivery vectors, sirolimus, actinomycin-D and paclitaxel. The stented grafts include an integrally stented embodiment and an internally stented embodiment. In each embodiment, the stent may be either self-expanding or pressure-expandable. Further, the stent may comprise a plurality of elements, wherein each said element comprises an undulating linear shape formed into a generally cylindrical configuration, and wherein each said element is connected to an adjacent neighbor element by at least one linear connector. A method for the treatment of cardiovascular disease by implantation of the stented graft, and an article of manufacture, comprising packaging material and the stented graft are also taught.

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